

JC525 U.S. PTO
06/12/01

6-13-01 A

Please type a plus sign (+) inside the circle →

PTO/SB/05 (2/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>		Attorney Docket No. 1711514
		First Inventory or Application Identifier Yasufumi FUKUMA et al.
		Title Database Constructing System....
		Express Mail Label No. EK288575988US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Commissioner for Patents Box Patent Application Washington, DC 20231
<p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 50] (preferred arrangement set forth below)</p> <p>X Descriptive title of the Invention</p> <p>XCross References to Related Applications</p> <ul style="list-style-type: none"> - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix <p>X Background of the Invention</p> <p>XBrief Summary of the Invention</p> <p>XBrief Description of the Drawings (if filed)</p> <p>XDetailed Description</p> <p>XClaim(s) - 27</p> <p>XAbstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 19]</p> <p>4. Oath or Declaration [Total Pages 3]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 17 completed) <i>(Note Box 5 below)</i></p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>		
<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>		
<p>ACCOMPANYING APPLICATION PARTS</p> <p>8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>*Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired</p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>15. <input type="checkbox"/> Other: <u>Information Sheet</u></p>		
<p>NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</p>		

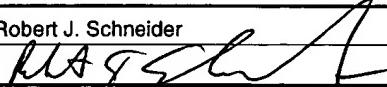
17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label <small>(Insert Customer/No./or Attach bar code/label here)</small>		 24240		<input type="checkbox"/> Correspondence address below
Name	ROBERT J. SCHNEIDER CHAPMAN AND CUTLER			
Address	111 W. Monroe Street			PATENT TRADEMARK OFFICE
City	Chicago	State	IL	Zip Code
County	US	Telephone	312-845-3919	Fax

Name (Print/Type)	Robert J. Schneider	Registration No. (Attorney/Agent)	27,383
Signature			Date 6/12/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

1226445.01.03

1711514

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL

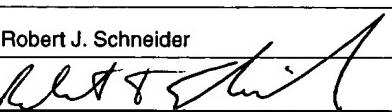
Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT	(\$ 1436)	Attorney Docket No.	1711514
-------------------------	-----------	---------------------	---------

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)			
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account 50-0305				3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid Code (\$ Code (\$)			
Deposit Account Name CHAPMAN AND CUTLER				105	130	205	65 Surcharge – late filing fee or oath
				127	50	227	25 Surcharge – late provisional filing fee or cover sheet
<input checked="" type="checkbox"/> Charge any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the notice of Allowance				139	130	139	130 Non-English specification
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				147	2,520	147	2,520 For filing a request for reexamination
				112	920*	112	920* Requesting publication of SIR prior to Examiner action
				113	1,840*	113	1,840* Requesting publication of SIR prior Examiner action
				115	110	215	55 Extension for reply within first month
				116	400	216	200 Extension for reply within second month
				117	950	217	475 Extension for reply within third month
				118	1,510	218	755 Extension for reply within fourth month
				128	2,060	228	1,030 Extension for reply within fifth month
				119	310	219	155 Notice of Appeal
				120	310	220	155 Filing a brief in support of an appeal
				121	270	221	135 Request for oral hearing
				138	1,510	138	1,510 Petition to institute a public use proceeding
				140	110	240	55 Petition to revive – unavoidable
				141	1,320	241	660 Petition to revive – unintentional
				142	1,320	242	660 Utility issue fee (or reissue)
				143	450	243	225 Design issue fee
				144	670	244	335 Plant issue fee
				122	130	122	130 Petitions to the Commissioner
				123	50	123	50 Petitions related to provisional applications
				126	240	126	240 Submission of Information Disclosure Stmt
				581	40	581	40 Recording each patent assignment per property (times number of properties) 40
				146	790	246	395 Filing a submission after final rejection (37 CFR 1.129(a))
				149	790	249	395 For each additional invention to be examined (37 CFR 1.29(b))
Other fee (specify) _____ Other fee (specify) _____				* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40)			
SUBTOTAL (1) (\$ 710)							
2. EXTRA CLAIM FEES Extra Claims Fee from below Fee Paid Total Claims 27 -20** = 7 X 18 = 126 Independent Claims 10 - 3** = 7 X 80 = 560 Multiple Dependent = 0							
**or number previously paid, if greater; For Reissues, see below							
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid Code (\$ Code (\$)							
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid 109 82 209 41 **Reissue dependent claims over original patent 110 22 210 11 ** Reissue claims in excess of 20 and over original patent							
SUBTOTAL (2) (\$ 686)							

SUBMITTED BY				Complete (if applicable)	
Type or Printed Name	Robert J. Schneider 			Reg. Number	27,383
Signature				Date	6/12/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXPRESS MAIL CERTIFICATE

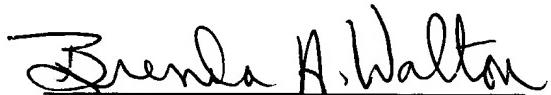
Express Mail Label Number: EK288575988US

Date of Deposit: June 11, 2001

I hereby certify that the attached documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Brenda A. Walton

(Typed or printed name of person
mailing paper or fee)



(Signature of person mailing paper
or fee)